



#2461  
9-12-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attn: **BOX RCE**  
Mitsuaki OSHIMA et al. : Docket No. 2000\_1328  
Serial No. 09/672,946 : Group Art Unit 2634 **RECEIVED**  
Filed September 29, 2000 : Examiner A. Le AUG 29 2003  
COMMUNICATION SYSTEM : Confirmation No. 7022 Technology Center 2600

**LETTER RE PROPOSED DRAWING AMENDMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Enclosed herewith is a photocopy of Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144, and 169 marked in red to indicate proposed drawing amendments thereto.

The Examiner is requested to approve such proposed drawing amendments. Formal drawings incorporating such amendments are filed herewith.

Respectfully submitted,

Mitsuaki OSHIMA et al.

By: 

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August 27, 2003

11.11.03  
Approved  
AS

## U.S. Patent

Feb. 4, 1997

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5,600,672

FIG. 2

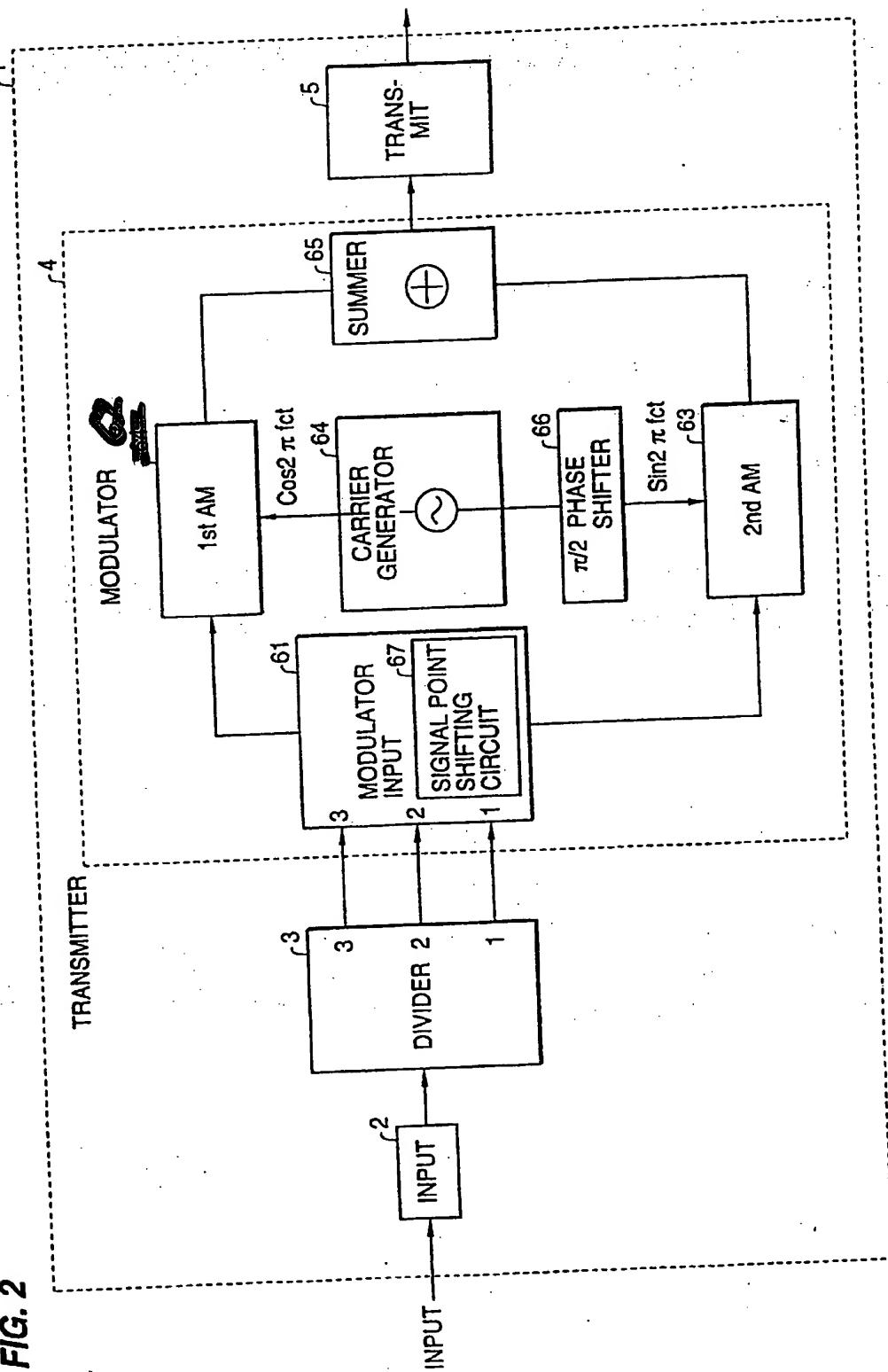
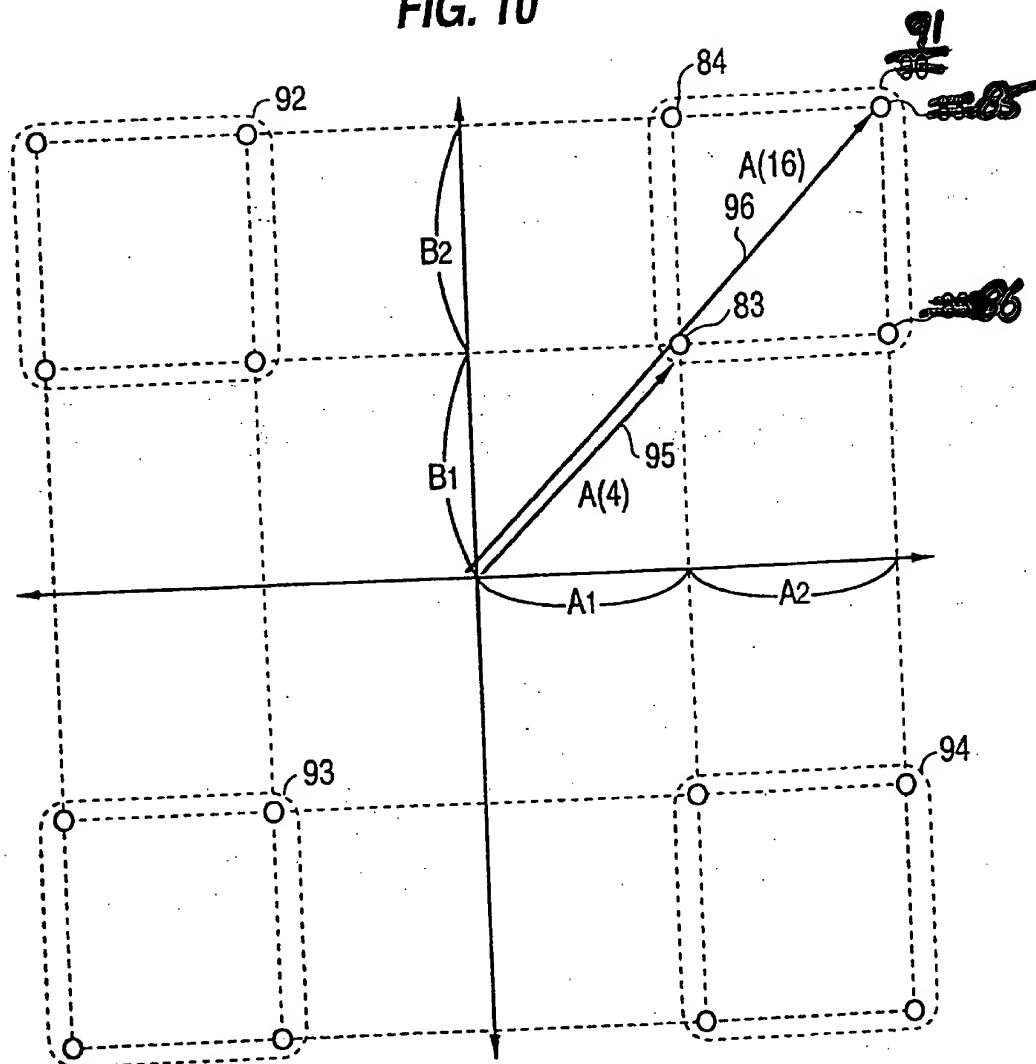


FIG. 10



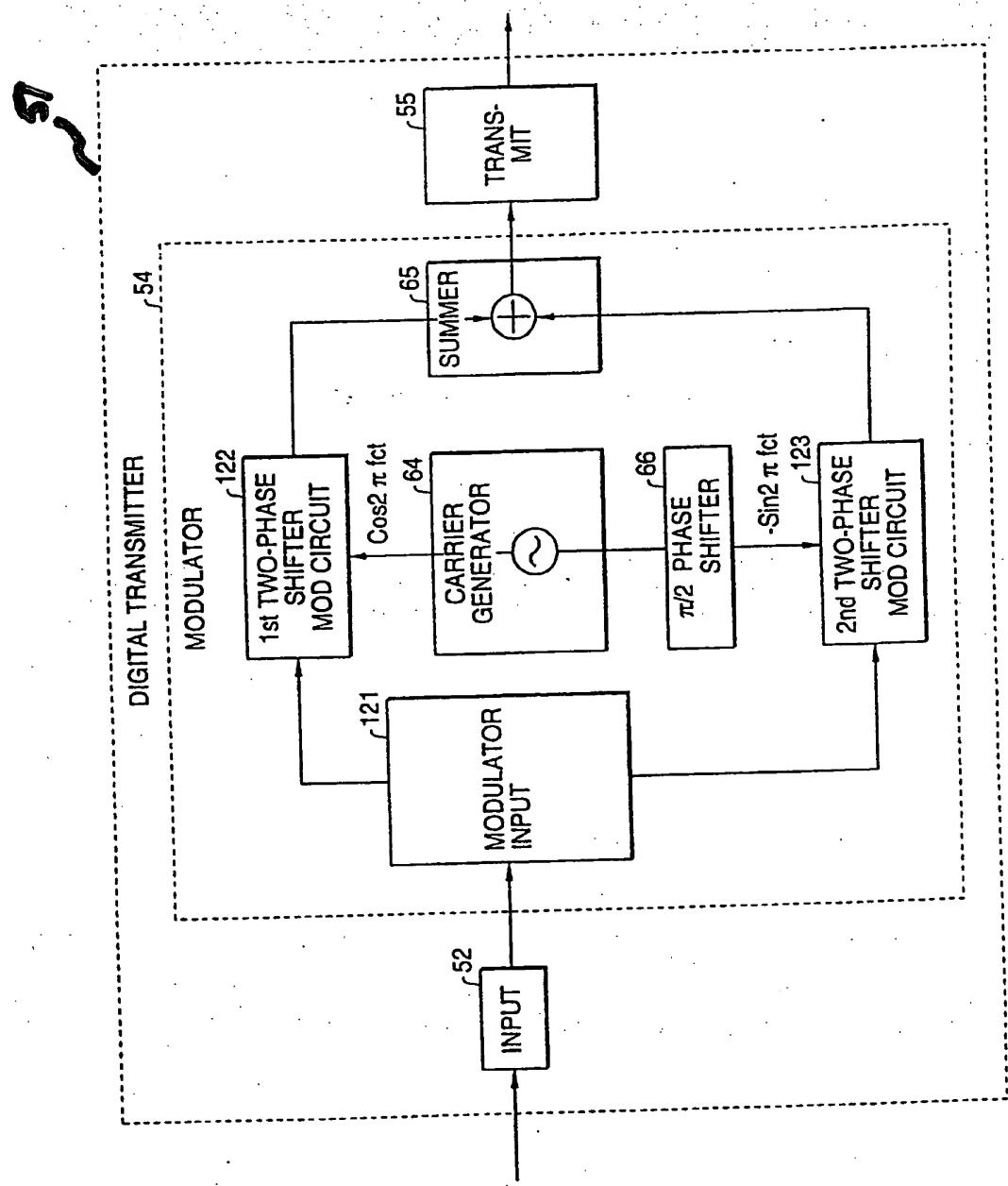


FIG. 17

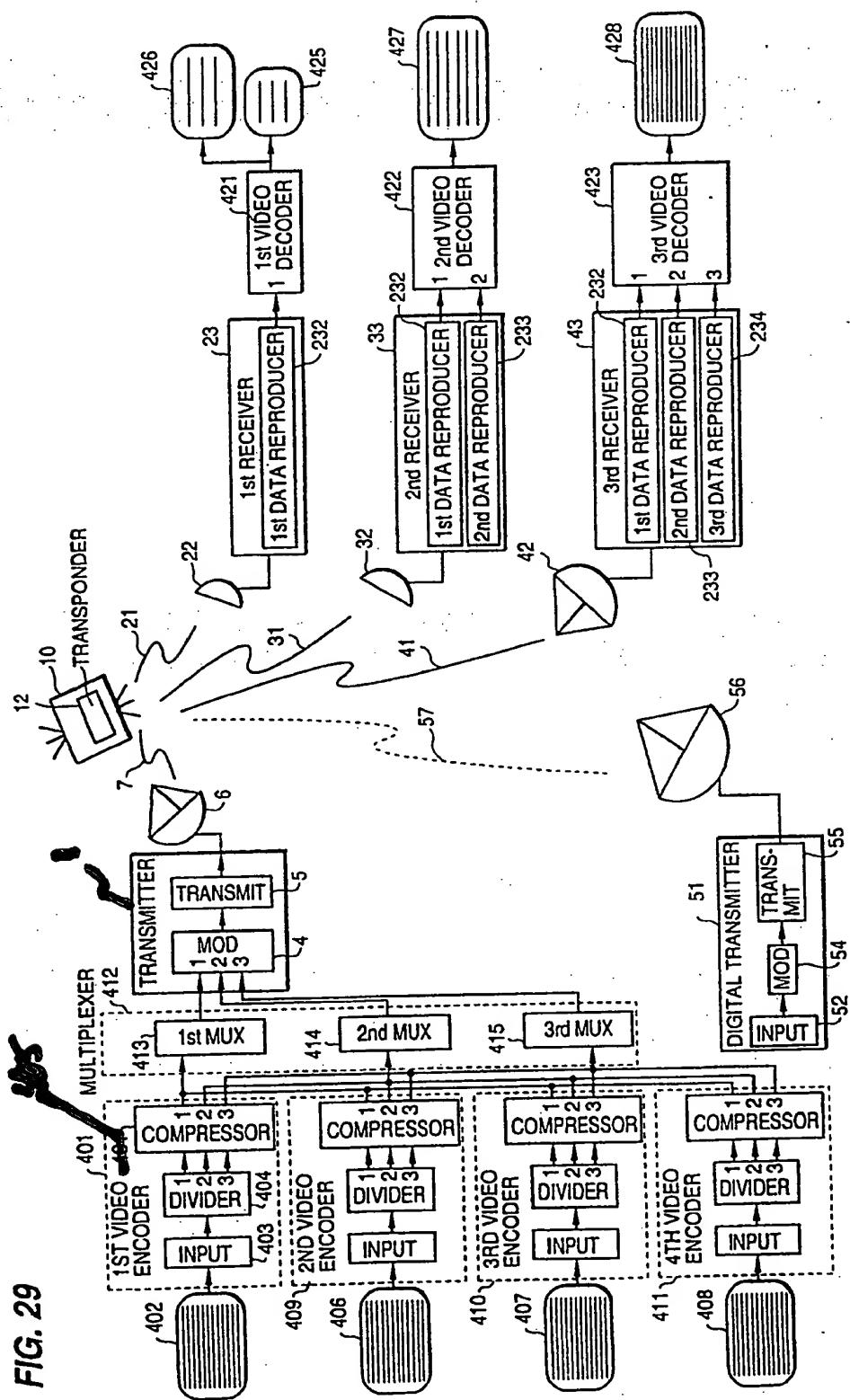


FIG. 48

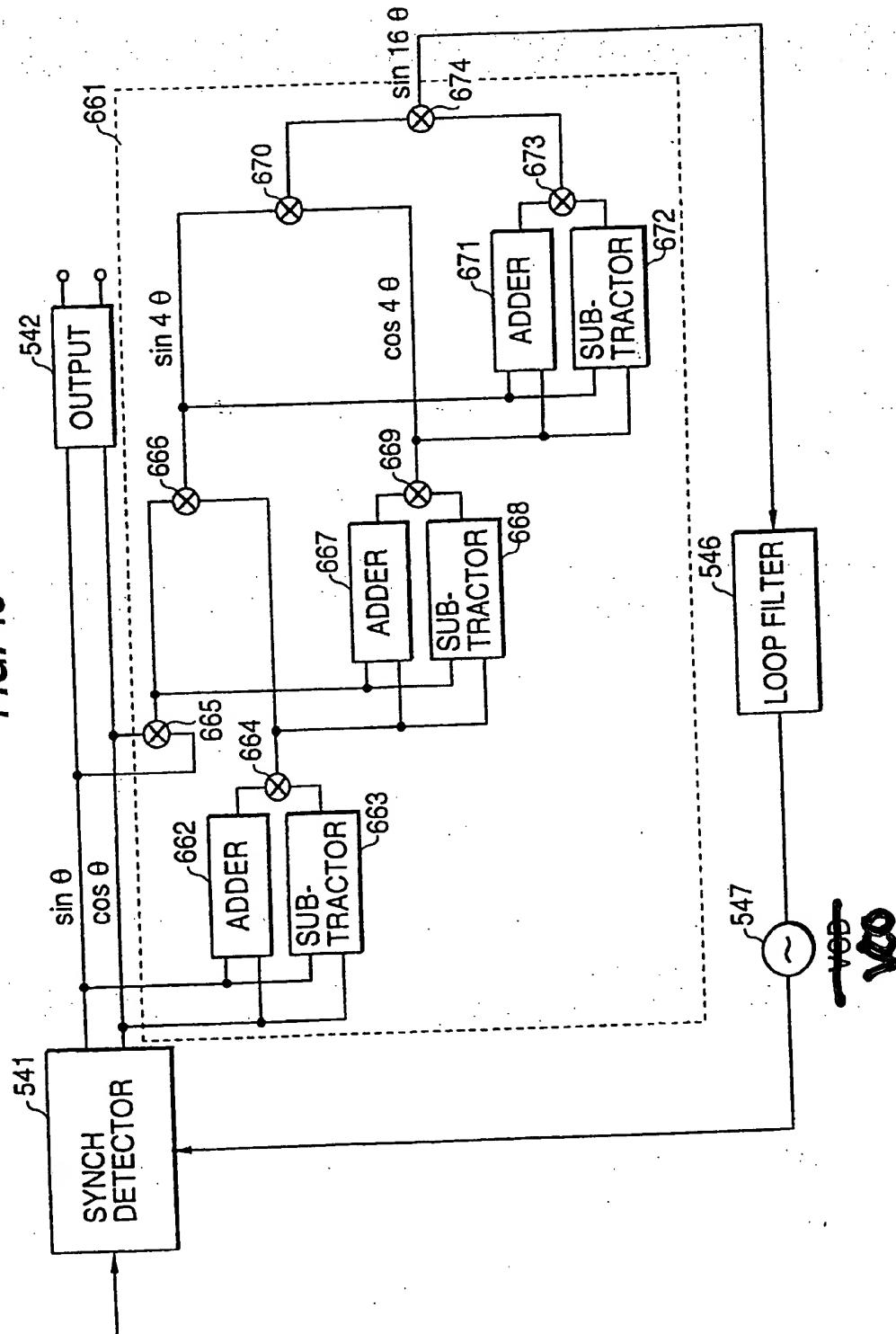


FIG. 65

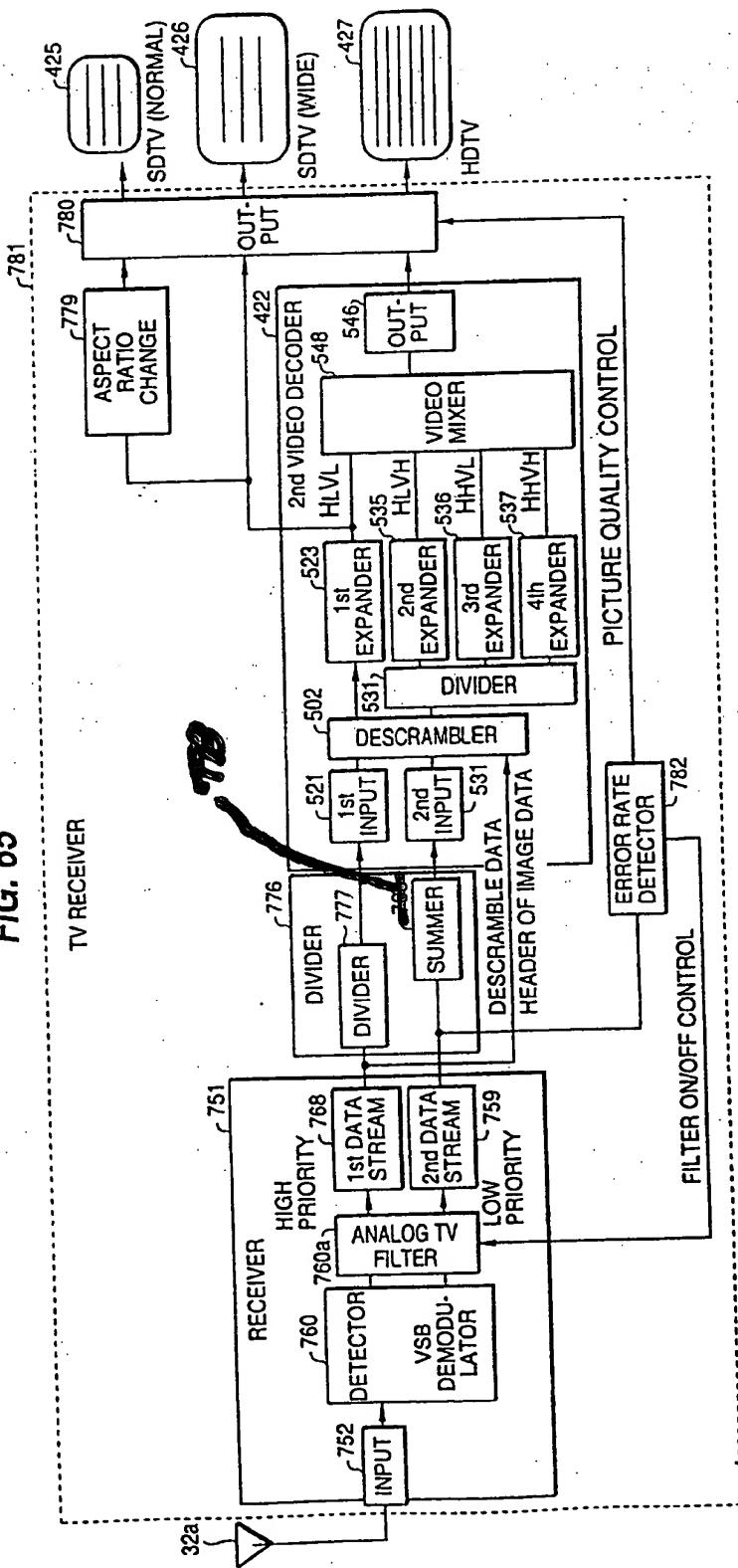


FIG. 67

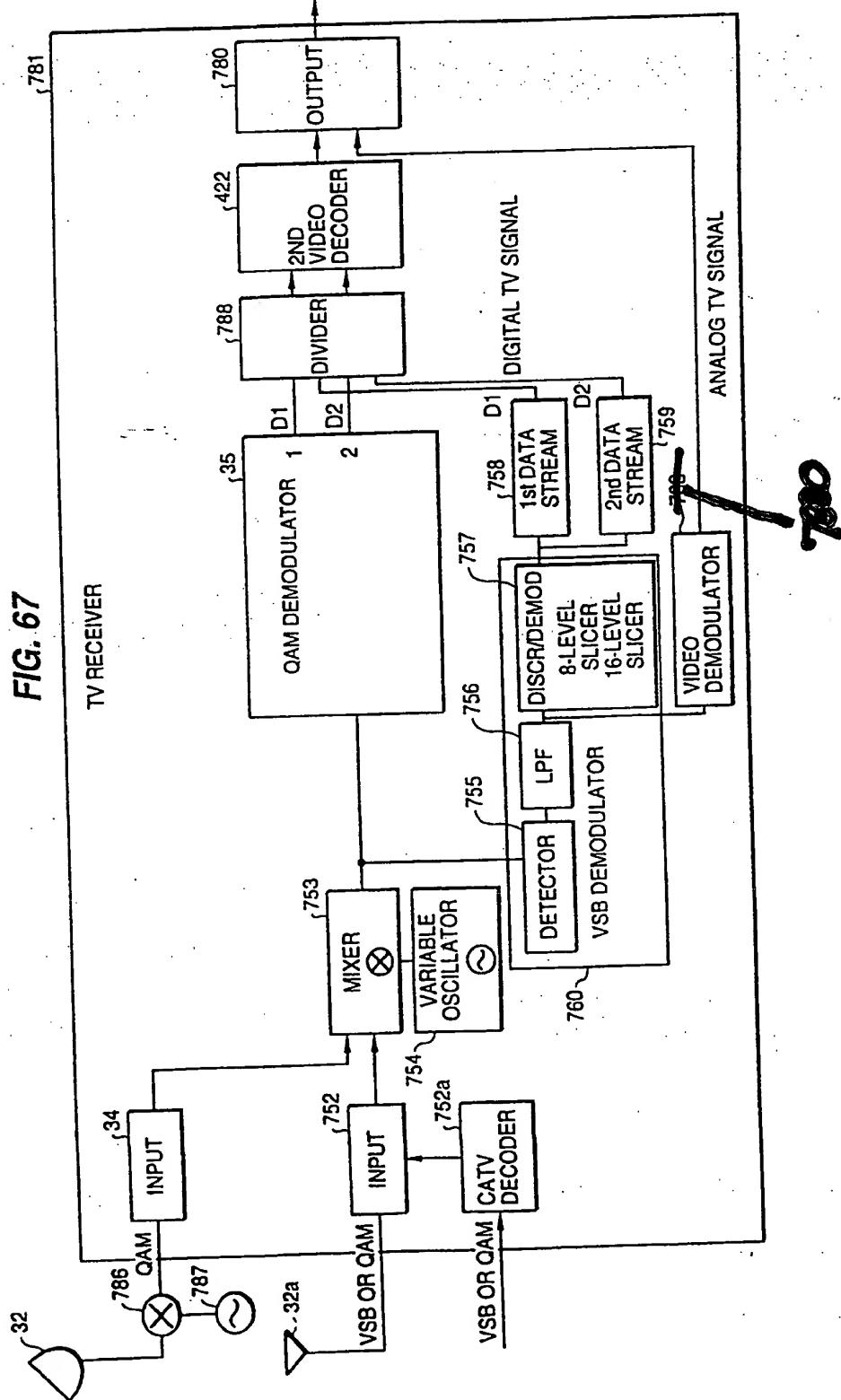
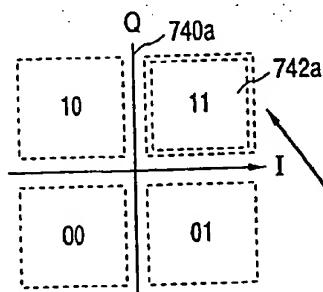
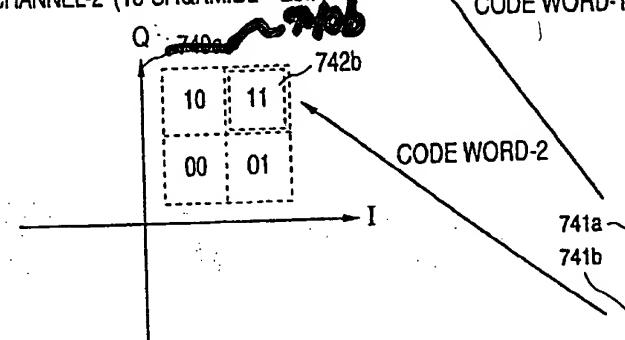


FIG. 112

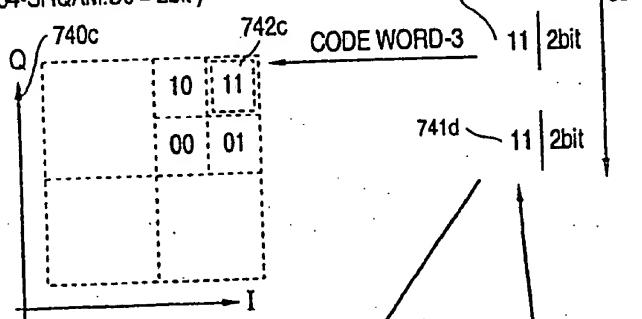
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



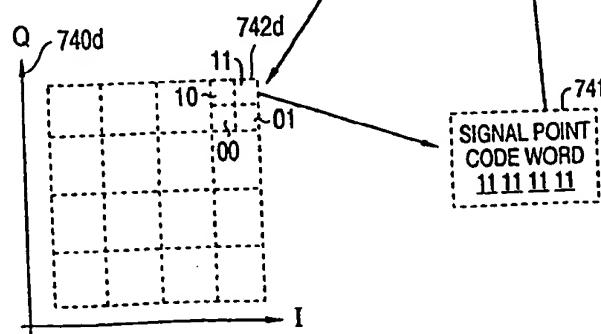
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



SIGNAL POINT  
CODE WORD  
11 11 11 11

CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4

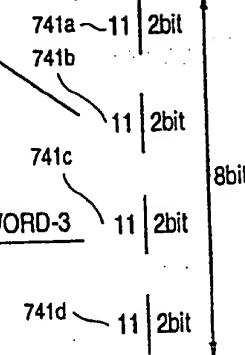
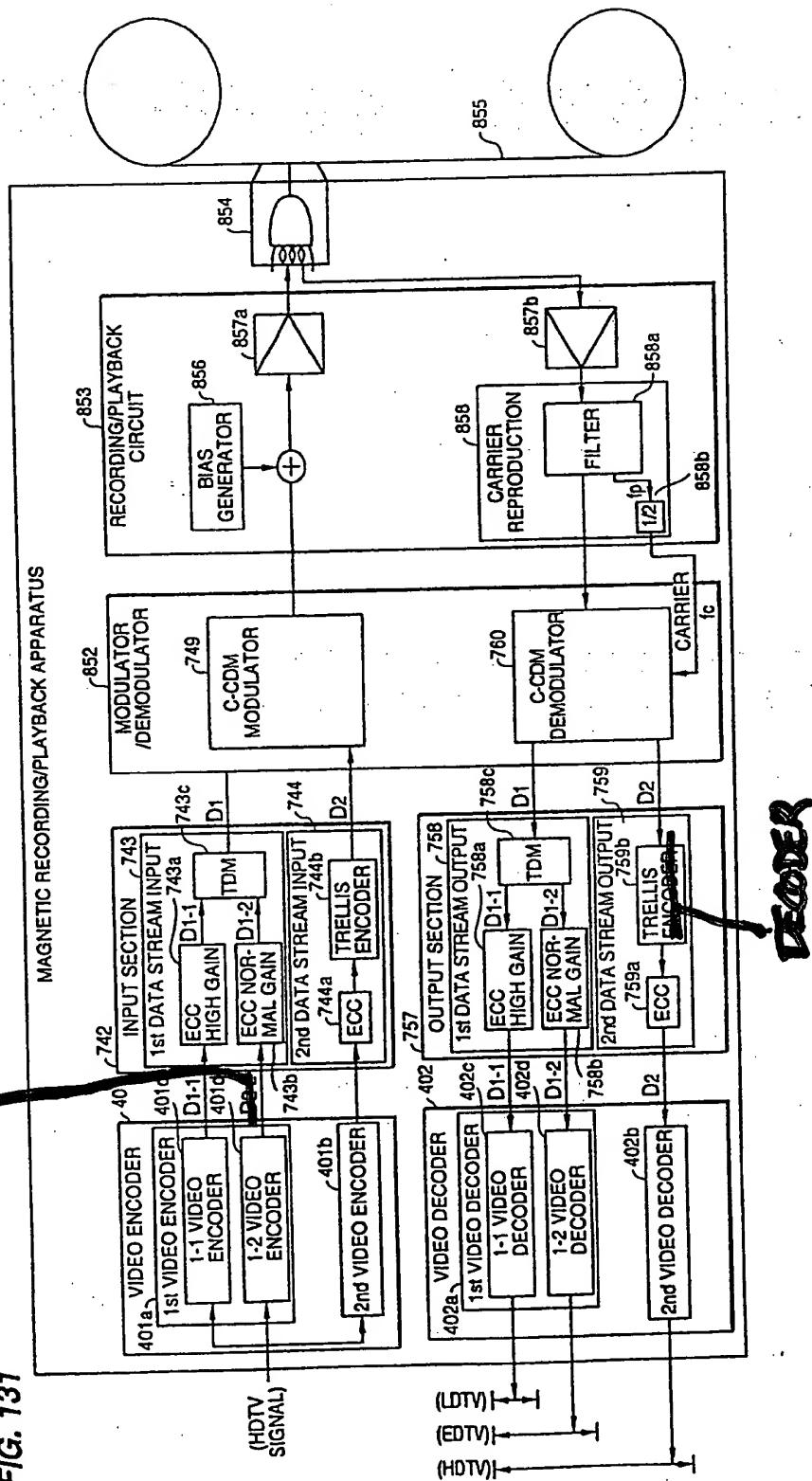
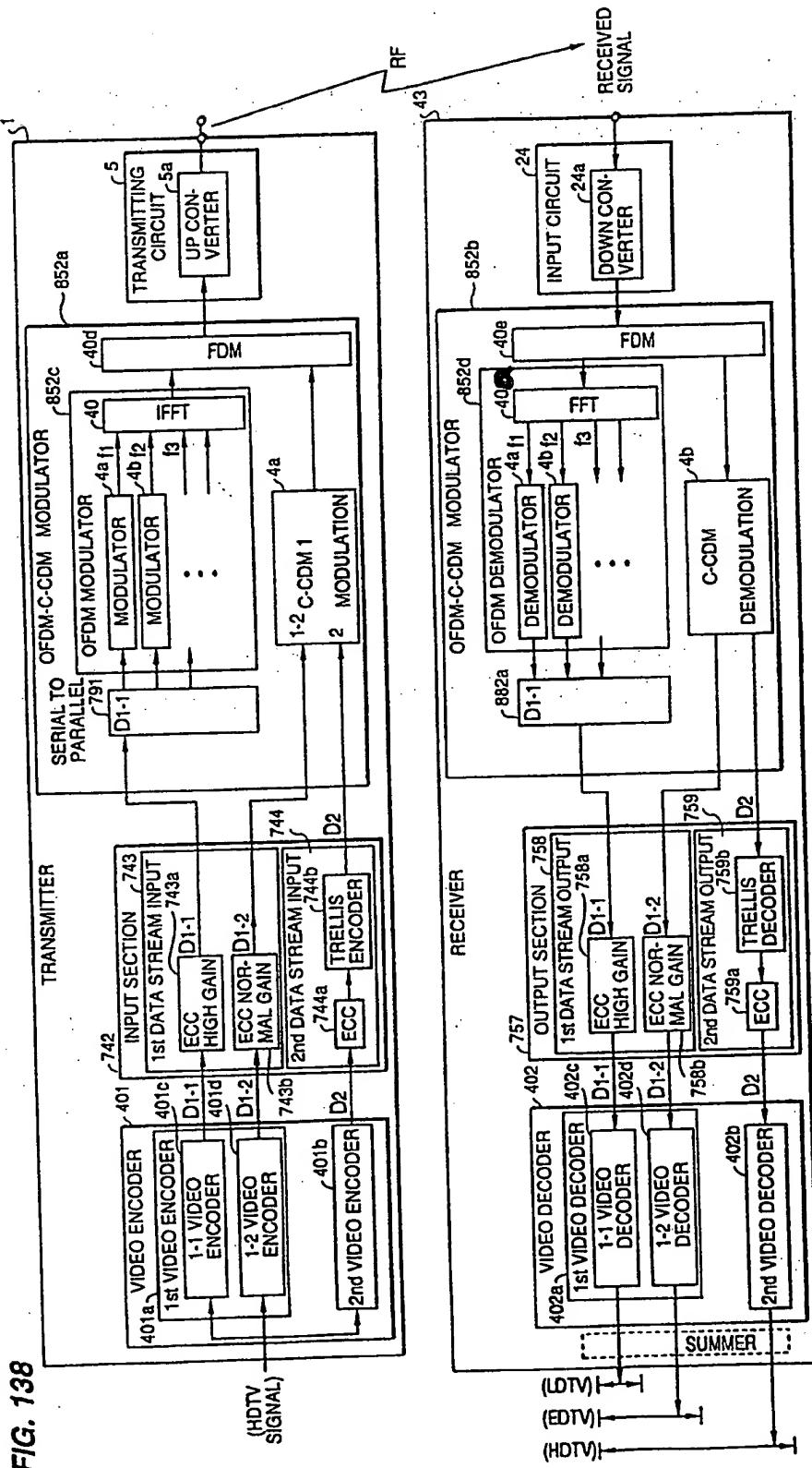


FIG. 131





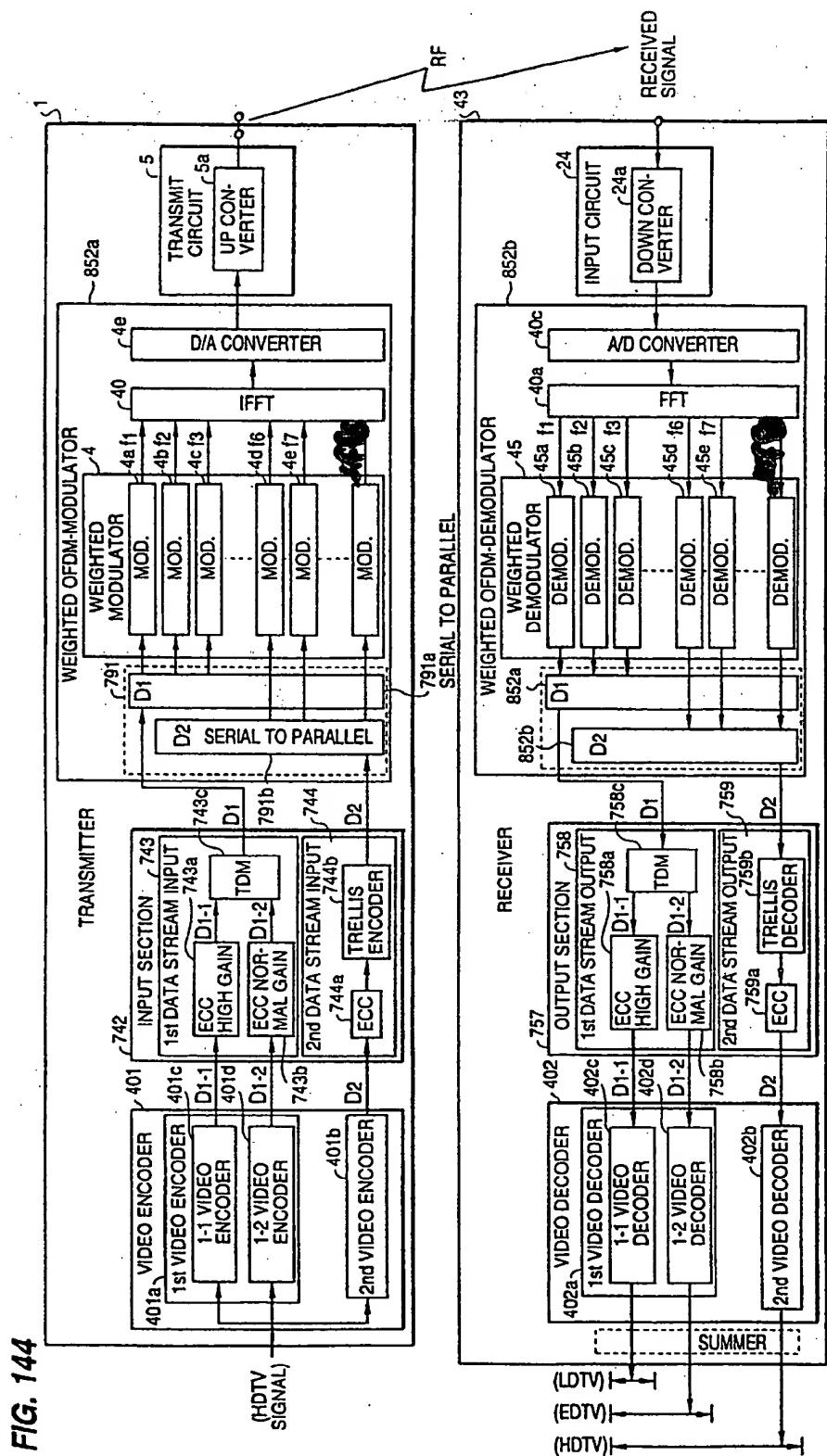


FIG. 169

## COMPARISON OF REDUNDANCY

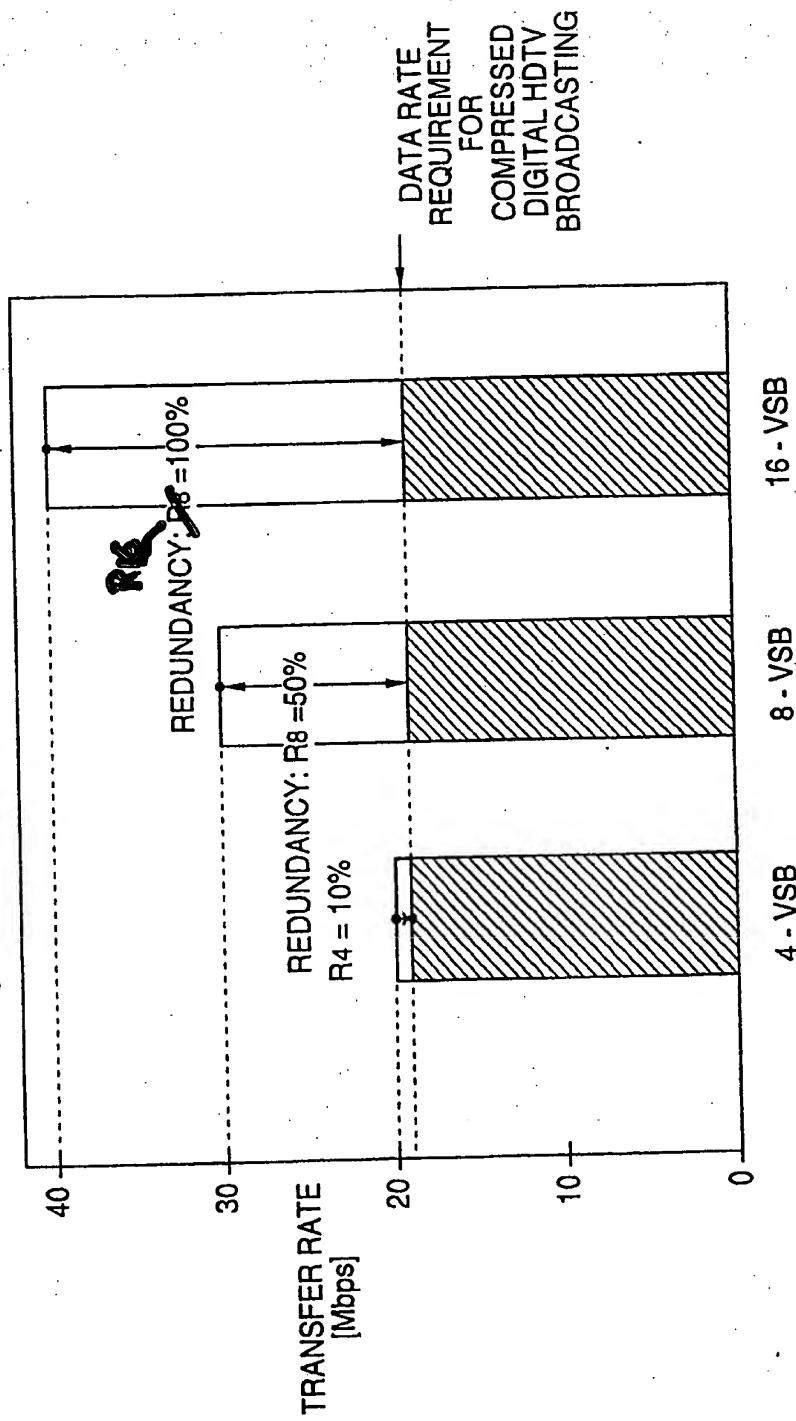


FIG. 93

